

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE  
Commissioner for Patents  
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Alexandria, Virginia 22313-1450**

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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

23400 7590 04/22/2004

**POSZ & BETHARDS, PLC  
11250 ROGER BACON DRIVE  
SUITE 10  
RESTON, VA 20190**



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**  
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,488	07/18/2003	Hitoshi Yamaguchi	01-116-DIV	2538

**TITLE OF INVENTION: SEMICONDUCTOR DEVICE INCLUDING POWER MOSFET AND PERIPHERAL MOSFET DEVICE HAVING GATE ELECTRODES FORMED IN THE TRENCHES**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	07/22/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
MAI, ANH D	2814	257-331000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Denso Corporation**

**Kariya, Japan**

Please check the appropriate assignee category or categories (will not be printed on the patent):  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

- Issue Fee  
 Publication Fee  
 Advance Order - # of Copies 1

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1147 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

**David G. Posz Reg. No. 37,701**

**7-8-04**

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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07/12/2004 SSITHIB2 00000181 10621488

01 FC:1501	1330.00	OP
02 FC:1504	300.00	OP
03 FC:8001	3.00	OP

TRANSMIT THIS FORM WITH FEE(S)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): YAMAGUCHI

Serial No.: 10/621,488

Filed: July 18, 2003

Title: SEMICONDUCTOR DEVICE  
INCLUDING POWER MOSFET AND  
PERIPHERAL DEVICE HAVING GATE  
ELECTRODES FORMED IN THE  
TRENCHES

Atty. Dkt.: 01-116-DIV

Group Art Unit: 2814

Examiner: MAI, Anh D

**Allowed: April 22, 2004**  
**Confirmation No. 2538**

Commissioner for Patents

Arlington, VA 22202

**Mail Stop Issue Fee**

July 8, 2004

**ISSUE FEE TRANSMITTAL LETTER**

Sir:

Enclosed are one original and one copy of an executed Issue Fee Transmittal Form PTOL-85B for the above allowed patent application, as well as a check in the amount of \$1633 for payment of the requisite issue fee, publication fee and fee for one printed copy of patent.

Authorization is hereby given to charge any fee deficiencies or credit any overpayment to Deposit Account 50-1147.

Respectfully submitted,

David G. Posz  
Reg. No. 37,701

DGP/moa

Posz & Bethards, PLC

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